

AMENDED IN ASSEMBLY MAY 10, 2011

AMENDED IN ASSEMBLY APRIL 27, 2011

AMENDED IN ASSEMBLY MARCH 31, 2011

CALIFORNIA LEGISLATURE—2011–12 REGULAR SESSION

## **ASSEMBLY BILL**

**No. 1302**

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**Introduced by Assembly Member Williams**

February 18, 2011

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An act to add Section 25235 to the Public Resources Code, relating to electricity.

### LEGISLATIVE COUNSEL'S DIGEST

AB 1302, as amended, Williams. Distributed generation.

The existing Warren-Alquist State Energy Resources Conservation and Development Act establishes the State Energy Resources Conservation and Development Commission (Energy Commission). Existing law requires the Energy Commission to undertake a continuing assessment of trends in the consumption of electricity and other forms of energy and to analyze the social, economic, and environmental consequences of those trends and to collect from electric utilities, gas utilities, and fuel producers and wholesalers and other sources, forecasts of future supplies and consumption of all forms of energy.

This bill would require each large electrical corporation, as defined, and large local publicly owned electric utility, as defined, to provide maps and other information identifying and designating zones within their respective service territories that are optimal for deployment of distributed generation to the Energy Commission, the Public Utilities Commission (PUC), ~~if on an electrical Corporation corporation~~, and the Independent System Operator, by December 31, 2012. The bill

would require the Energy Commission, in consultation with the PUC, to develop guidelines for those electrical utilities to utilize in creating maps and other information identifying and designating those zones. The bill would require the Energy Commission to review each electrical utility's designation of zones and approve or disapprove the designation of zones made by each electrical utility. The bill would require, upon approval by the Energy Commission, that each electrical utility make this information available on its Internet Web site. The bill would require state agencies to give priority for the approval of distributed generation projects proposed to be located within a zone designated pursuant to these provisions.

Vote: majority. Appropriation: no. Fiscal committee: yes.  
State-mandated local program: no.

*The people of the State of California do enact as follows:*

1     SECTION 1. Section 25235 is added to the Public Resources  
2     Code, to read:  
3     25235. (a) For purposes of this section, the following terms  
4     have the following meanings:  
5     (1) "Large electrical corporation" means an electrical  
6     corporation, as defined in Section 218 of the Public Utilities Code,  
7     that sells electricity at retail to 75,000 or more customers.  
8     (2) "Large local publicly owned electric utility" means a local  
9     publicly owned electric utility, as defined in Section 224.3 of the  
10    Public Utilities Code, that sells electricity at retail to 75,000 or  
11    more customers.  
12    (b) (1) (A) The commission, in consultation with the Public  
13    Utilities Commission, shall develop guidelines for large electrical  
14    corporations and large publicly owned electric utilities in creating  
15    maps and other information that identify and designate zones within  
16    their respective service territories that are optimal for deployment  
17    of distributed generation. *The guidelines shall define "optimal"*  
18    *and "zone" for the purposes of the requirements of this section.*  
19    (B) The guidelines shall require a large electrical corporation  
20    or large publicly owned electric utility to include all of the  
21    following in maps and other information identifying and  
22    designating zones:  
23    (i) The location of primary distribution lines, distribution  
24    substations, and transmission facilities.

- 1 (ii) Identification numbers for specific substations and lines.
- 2 (iii) Nominal circuit voltage.
- 3 (iv) Maximum normal circuit capacity in the summer.
- 4 (v) Amount of distributed generation existing on the circuit.
- 5 (vi) Difference between the maximum normal circuit capacity
- 6 in the summer and the sum of the allocated capacity substation
- 7 transformer bank rating that the circuit is connected to.
- 8 (vii) Maximum normal substation transformer bank rating for
- 9 the summer.
- 10 (viii) Projected peak load for the substation transformer bank
- 11 for the summer.
- 12 (ix) Amount of distributed generation existing on the substation
- 13 transformer.
- 14 (x) Any distribution circuit with generation interconnection
- 15 potential for one megawatt, two megawatt, three megawatt, and
- 16 five megawatt distributed generation facilities.
- 17 (xi) Known areas of transmission system constraints.
- 18 (xii) Known areas where short circuit duty levels are near
- 19 equipment short circuit duty limitations.
- 20 (2) (A) On or before December 31, 2012, each large electrical
- 21 corporation shall provide the commission, the Public Utilities
- 22 Commission, and the Independent System Operator, and each large
- 23 publicly owned electric utility shall provide the commission and
- 24 the Independent System Operator, with maps and other information
- 25 identifying and designating those zones within their respective
- 26 service territories that if each utility determines are optimal for
- 27 deployment of distributed generation. The commission shall review
- 28 each utility's designation of zones that are optimal for deployment
- 29 of distributed generation and approve or disapprove the designation
- 30 of zones made by each utility. If disapproved, the commission
- 31 shall indicate in what manner the designation should be revised
- 32 and order the utility to promptly submit a designation that corrects
- 33 the deficiency.
- 34 (B) If a large electrical corporation or large publicly owned
- 35 electric utility does not provide the commission with the
- 36 information described in subparagraph (A) on or before December
- 37 31, 2012, the commission shall identify and designate those zones
- 38 within the service territory of the large electrical corporation or
- 39 the large publicly owned electric utility that the commission
- 40 determines are optimal for deployment of distributed generation,

1 and shall impose a fee on the large electrical corporation or large  
2 publicly owned electric utility to recoup reasonable costs incurred  
3 by the commission in identifying and designating the zones.

4 (3) Upon approval by the commission, each large electrical  
5 corporation and large publicly owned electric utility shall make  
6 this information available on its Internet Web site so that the  
7 information appears when a term search is performed on that  
8 Internet Web site using the term “distributed generation.” *Each*  
9 *large electrical corporation and large publicly owned electric*  
10 *utility shall clearly state on its Internet Web site that designated*  
11 *zones on a utility system map are not to be construed as a*  
12 *preapproval for a distributed generation facility.*

13 (4) Each large electrical corporation and large publicly owned  
14 electric utility shall periodically update its designation of zones  
15 that are optimal for deployment of distributed generation, as  
16 circumstances change, and provide this information to the  
17 commission and make that information available on the utility’s  
18 Internet Web site.

19 (c) All state agencies shall give priority for the approval of  
20 distributed generation projects proposed to be located within a  
21 zone designated pursuant to this section.